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| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) | Application Number     | 09/297,703       |
|   | Filing Date            | July 19, 1999    |
|   | First Named Inventor   | Jobling, et. al. |
|   | Group Art Unit         | 1638             |
|   | Examiner Name          | A. Kubelik       |
| Total Number of Pages in This Submission  | Attorney Docket Number | 1637             |

TECH CENTER 1500/2900

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| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                           |
|--|---------------------------|
| Firm or Individual name                    | Laurelee A. Duncan        |
| Signature                                  | <i>Laurelee A. Duncan</i> |
| Date                                       | April 12, 2001            |

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| Signature   | <i>Deborah J. Mouzon</i> |      |          |

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)**890.00**

## Complete if Known

Application Number **09/297,703**  
Filing Date **July 19, 1999**  
First Named Inventor **Jobling, et. al.**  
Examiner Name **A. Kubelik**  
Group Art Unit **1638**  
Attorney Docket No. **1637**

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| METHOD OF PAYMENT  |                            | FEE CALCULATION (continued)   |                            |  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
|--|----------------------------|---|----------------------------|--|----------------------------|-----------------|----------|-----|-----|--------------------|----|-------------------------------------|-----|-----|-----|-------------------|----|--|-----|-----|-----|------------------|-----|---------------------------|-----|-----|-------|--------------------|-------|---|-----|-----|------|------------------------|------|--|--|-----|--------|----------------------------|----------------------------|---|----------|-----|-----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-------|-----|-----|--|--|-----|-------|-----|-----|--|--|----------------------------|-----|-----|-----|------------------|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|--------------------------|--|-----|-------|-----|-------|---|--|-----|-----|-----|----|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|-------------------------------------|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|---------------------|--|--|--|--|---------------------------------|--|--|--|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <b>14-0455</b></p> <p>Deposit Account Name</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>   |                            | <p>3. ADDITIONAL FEES</p> <table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,340*</td><td>113</td><td>1,340*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>390</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,390</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,240</td><td>241</td><td>520</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,240</td><td>242</td><td>520</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>500</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(g)</td><td></td></tr><tr><td>125</td><td>130</td><td>125</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>159</td><td>900</td><td>159</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="4">Other fee (specify)</td><td></td></tr><tr><td colspan="4">SUBTOTAL (3) (\$)<b>890.00</b></td></tr></tbody></table> |                            | Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description | Fee Paid | 105 | 130 | 205                | 65 | Surcharge - late filing fee or oath |     | 127 | 50  | 227               | 25 | Surcharge - late provisional filing fee or cover sheet |     | 139 | 130 | 139              | 130 | Non-English specification |     | 147 | 2,520 | 147                | 2,520 | For filing a request for ex parte reexamination |     | 112 | 920* | 112                    | 920* | Requesting publication of SIR prior to Examiner action |  | 113 | 1,340* | 113                        | 1,340*                     | Requesting publication of SIR after Examiner action |          | 115 | 110 | 215 | 55 | Extension for reply within first month |  | 116 | 390 | 216 | 195 | Extension for reply within second month |  | 117 | 390 | 217 | 445 | Extension for reply within third month |  | 118 | 1,390 | 218 | 695 | Extension for reply within fourth month            |  | 128 | 1,390 | 228 | 945 | Extension for reply within fifth month                     |  | 119                        | 310 | 219 | 155 | Notice of Appeal |  | 120 | 310 | 220 | 155 | Filing a brief in support of an appeal |  | 121 | 270 | 221 | 135 | Request for oral hearing |  | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding |  | 140 | 110 | 240 | 55 | Petition to revive - unavoidable |  | 141 | 1,240 | 241 | 520 | Petition to revive - unintentional |  | 142 | 1,240 | 242 | 520 | Utility issue fee (or reissue) |  | 143 | 440 | 243 | 220 | Design issue fee |  | 144 | 500 | 244 | 300 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(g) |  | 125 | 130 | 125 | 180 | Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) |  | 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) |  | 159 | 900 | 159 | 900 | Request for expedited examination of a design application |  | Other fee (specify) |  |  |  |  | SUBTOTAL (3) (\$) <b>890.00</b> |  |  |  |
| Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description   | Fee Paid                   |  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 105  | 130                        | 205   | 65                         | Surcharge - late filing fee or oath  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 127  | 50                         | 227   | 25                         | Surcharge - late provisional filing fee or cover sheet                     |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 139  | 130                        | 139   | 130                        | Non-English specification  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 147  | 2,520                      | 147   | 2,520                      | For filing a request for ex parte reexamination                            |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 112  | 920*                       | 112   | 920*                       | Requesting publication of SIR prior to Examiner action                     |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 113  | 1,340*                     | 113   | 1,340*                     | Requesting publication of SIR after Examiner action                        |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 115  | 110                        | 215   | 55                         | Extension for reply within first month                                     |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 116  | 390                        | 216   | 195                        | Extension for reply within second month                                    |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 117  | 390                        | 217   | 445                        | Extension for reply within third month                                     |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 118  | 1,390                      | 218   | 695                        | Extension for reply within fourth month                                    |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 128  | 1,390                      | 228   | 945                        | Extension for reply within fifth month                                     |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 119  | 310                        | 219   | 155                        | Notice of Appeal   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 120  | 310                        | 220   | 155                        | Filing a brief in support of an appeal                                     |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 121  | 270                        | 221   | 135                        | Request for oral hearing   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 138  | 1,510                      | 138   | 1,510                      | Petition to institute a public use proceeding                              |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 140  | 110                        | 240   | 55                         | Petition to revive - unavoidable   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 141  | 1,240                      | 241   | 520                        | Petition to revive - unintentional   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 142  | 1,240                      | 242   | 520                        | Utility issue fee (or reissue)   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 143  | 440                        | 243   | 220                        | Design issue fee   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 144  | 500                        | 244   | 300                        | Plant issue fee  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 122  | 130                        | 122   | 130                        | Petitions to the Commissioner  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 123  | 50                         | 123   | 50                         | Processing fee under 37 CFR 1.17(g)  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 125  | 130                        | 125   | 180                        | Submission of Information Disclosure Stmt                                  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 581  | 40                         | 581   | 40                         | Recording each patent assignment per property (times number of properties) |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 146  | 710                        | 246   | 355                        | Filing a submission after final rejection (37 CFR § 1.129(a))              |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 149  | 710                        | 249   | 355                        | For each additional invention to be examined (37 CFR § 1.129(b))           |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 179  | 710                        | 279   | 355                        | Request for Continued Examination (RCE)                                    |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 159  | 900                        | 159   | 900                        | Request for expedited examination of a design application                  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| Other fee (specify)  |                            |   |                            |  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| SUBTOTAL (3) (\$) <b>890.00</b>  |                            |   |                            |  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| <p>1. BASIC FILING FEE</p> <table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td></td></tr><tr><td>106</td><td>320</td><td>206</td><td>150</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="4">SUBTOTAL (1) (\$)<b>0</b></td></tr></tbody></table> <p>2. EXTRA CLAIM FEES</p> <table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>103</td><td>13</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102</td><td>30</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109</td><td>30</td><td>209</td><td>40</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>110</td><td>13</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="4">SUBTOTAL (2) (\$)<b>0</b></td></tr></tbody></table> <p>**For number previously paid, if greater. For Reissues, see above</p> |                            | Large Entity Fee Code (\$)  | Small Entity Fee Code (\$) | Fee Description  | Fee Paid                   | 101             | 710      | 201 | 355 | Utility filing fee |    | 106                                 | 320 | 206 | 150 | Design filing fee |    | 107  | 490 | 207 | 245 | Plant filing fee |     | 108                       | 710 | 208 | 355   | Reissue filing fee |       | 114   | 150 | 214 | 75   | Provisional filing fee |      | SUBTOTAL (1) (\$) <b>0</b>                             |  |     |        | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description                                     | Fee Paid | 103 | 13  | 203 | 9  | Claims in excess of 20                 |  | 102 | 30  | 202 | 40  | Independent claims in excess of 3       |  | 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid  |  | 109 | 30    | 209 | 40  | ** Reissue independent claims over original patent |  | 110 | 13    | 210 | 9   | ** Reissue claims in excess of 20 and over original patent |  | SUBTOTAL (2) (\$) <b>0</b> |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description   | Fee Paid                   |  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 101  | 710                        | 201   | 355                        | Utility filing fee   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 106  | 320                        | 206   | 150                        | Design filing fee  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 107  | 490                        | 207   | 245                        | Plant filing fee   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 108  | 710                        | 208   | 355                        | Reissue filing fee   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 114  | 150                        | 214   | 75                         | Provisional filing fee   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| SUBTOTAL (1) (\$) <b>0</b>   |                            |   |                            |  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description   | Fee Paid                   |  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 103  | 13                         | 203   | 9                          | Claims in excess of 20   |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 102  | 30                         | 202   | 40                         | Independent claims in excess of 3  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 104  | 270                        | 204   | 135                        | Multiple dependent claim, if not paid                                      |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 109  | 30                         | 209   | 40                         | ** Reissue independent claims over original patent                         |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| 110  | 13                         | 210   | 9                          | ** Reissue claims in excess of 20 and over original patent                 |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |
| SUBTOTAL (2) (\$) <b>0</b>   |                            |   |                            |  |                            |                 |          |     |     |                    |    |                                     |     |     |     |                   |    |  |     |     |     |                  |     |                           |     |     |       |                    |       |   |     |     |      |                        |      |  |  |     |        |                            |                            |   |          |     |     |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |       |     |     |  |  |     |       |     |     |  |  |                            |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |                                 |  |  |  |

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|                |                           | Date                              | <b>04/12/01</b>     |

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